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Date: March 19, 2002

By: Lynn Anderson

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Brenner and Williams

SERIAL NO.: 09/756,830

FILED: January 8, 2001

FOR: ENZYMATIC SYNTHESIS OF
OLIGONUCLEOTIDE TAGS

EXAMINER: Ponnaluri

ART UNIT: 1627

CONFIRMATION NO: 6856

17211/25
151499
4402

Preliminary Amendment

Box Sequence
Assistant Commissioner for Patents
U.S. Patent and Trademark Office
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Sir:

Prior to examination, Applicants respectfully request entry of the following amendments.

In the specification:

[Handwritten signature]

In the specification after page 24, replace the Sequence Listing on pages 1-6 with the substitute Sequence Listing on pages 1-8 enclosed herewith.

✓ On page 14, please replace the paragraph starting on line 19 with the following: *[Handwritten flourish]*

02

In this example, an oligonucleotide tag repertoire is produced such that each oligonucleotide tag consists of eight words of four nucleotides. The procedure outlined in Figure 2 is followed. A vector, corresponding to vector (200), is constructed by first inserting the following oligonucleotide (SEQ ID NO: 4 and 27, respectively) into a Bam HI and Eco RI digested pUC19: